radio-frequency connector and wherein the slot antenna has a feed structure with a mating threaded radio-frequency connector.

10. The electronic device defined in claim **1** wherein the electronic device housing has at least first and second planar walls having respective surface normals that are perpendicular to each other and wherein the opening passes through the leg at an angle of 45° with respect to each of the surface normals.

11. The electronic device defined in claim **10** wherein the leg comprises a cylindrical rod.

12. The electronic device defined in claim **11** wherein the slot antenna is configured to operate in at least one wireless local area network band.

13. The electronic device defined in claim **12** further comprising at least one dielectric cover that covers the opening and has a curved surface that lies flush with an outer surface of the leg.

14. A desktop computer, comprising:

a box-shaped housing having metal walls and metal legs;

input-output circuitry in the box-shaped housing;

control circuitry coupled to the input-output circuitry;

radio-frequency transceiver circuitry coupled to the control circuitry that the control circuitry is configured to use to transmit and receive wireless communications;

a slot antenna formed from a through hole in a given one of the metal legs; and

a transmission line coupled between the radio-frequency transceiver circuitry and the slot antenna.

15. The desktop computer defined in claim **14** wherein the given one of the metal legs runs along a corner of the box-shaped housing and the transmission line comprises a coaxial cable, the slot antenna comprising a feed structure with a threaded radio-frequency connector to which the transmission line is coupled.

16. The desktop computer defined in claim **14** wherein the metal leg is a cylindrical rod at a corner of the box-shaped housing.

17. The desktop computer defined in claim **16** further comprising a solid dielectric cover that overlaps the through hole.

18. An electronic device, comprising:

a housing with first and second metal walls having first and second edges that are joined along a corner of the housing;

an elongated conductive housing support structure that runs along at least part of the first and second edges at the corner; and

an antenna in the elongated conductive housing support structure.

19. The electronic device defined in claim **18** wherein the antenna comprises a slot antenna formed from a slot in the elongated conductive housing support structure.

20. The electronic device defined in claim **19** wherein the elongated conductive housing support structure comprises a metal leg that supports the housing and wherein the antenna is configured to transmit and receive wireless signals in a wireless local area network communications band.

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